W02-1: Explore the field data

Things you need for this worksheet

- R — the interpreter can be installed on any operation system. For Linux, you should use the r-cran packages supplied for your Linux distribution. If you use Ubuntu, this is one of many starting points. If you use Windows, you could install R from the official CRAN web page.

- R Studio — we recommend to use R Studio for (interactive) programming with R. You can download R Studio from the official web page.

Learning log assignments

😕 Create a new dataframe which only contains the plots of the year 2015.

Do the following tasks with this subset:

😕 Please create new variables, that represents the total vegetation cover of the plots

😕 Please figure out the functions for some general descriptive statistics: mean, median, standard deviation, maximum and minimum. Let's try those on the total vegetation cover

😕 Please visualize the vegetation cover using a boxplot

😕 Please visualize the relation between elevation and vegetation cover. Is there a relationship?

😕 Visualize the differences in vegetation cover for each land cover class

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